

## STATE OF CALIFORNIA

## CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

## Base Year Modification Request Certification

## Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, 9th Floor  
PO Box 4025  
Sacramento, CA 95812-4025

## General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

☐ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.


☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

## Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Pomona		Los Angeles	
Authorized Signature 		Title Solid Waste Manager	
Type/Print Name of Person Signing		Date	Phone ( ) Include Area Code
Howard Morris		2/1/2002	(909) 620-2362
Person Completing This Form (please print or type)		Title	
Howard Morris		Solid Waste Manager	
Affiliation: City of Pomona, Utility Services Department			
Mailing Address		City	State
636 W. Monterey Avenue		Pomona	CA
			ZIP Code
			91768
E-mail address <u>howard.morris@ci.pomona.ca.us</u>			

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## Section II: Information for New Generation-Based Study for Existing or New Base Year

**Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4)**

*Note: New base years must be representative of a jurisdiction's disposal and diversion.*

<b>1. Current Board-approved existing base-year:</b>	<b>2. Proposed new generation-based study year:</b>
1990	2000
<b>3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:</b>	
<p>Prior to 1999, the City received DRS tonnage quantities based primarily on an extrapolation method. Beginning with 1999, LA County switched to a daily accounting system that has provided a more accurate tally of the City's disposal tonnage. The disposal tonnage for 1999 and 2000 have been consistent. The 2000 base year study assessed diversion through an auditing format; checking to assure that identified tonnage was representative of average generators' and jurisdictional activities.</p>	

### 4. Enter your diversion rates below.

<b>Diversion rate calculated using existing base year</b>	<b>a. 9 %</b>	<b>Diversion rate calculated using new generation-based study</b>	<b>b. 41 %</b>
<b>For existing base year pounds/person/day based on generation</b>	9.2	<b>For new generation based study pounds/person/day based on generation</b>	13.8
<b>Residential generation 22 %</b>	<b>Non-Residential Generation 78 %</b>	<b>Residential generation 22% %</b>	<b>Non-Residential generation 78% %</b>
<b>Population existing generation-based study 131700</b>		<b>Population new generation-based study 147700</b>	
<p><b>5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.</b></p> <p>There is a significant generation difference between the 1990 base year and the requested new base year due to problems in reporting of waste generation tonnage in 1990. When compared to the erroneous 1990 base year, the new 2000 base year yields the correct diversion rate since it is an accurate and representative measure of all disposal and diversion activities based on actual records and Board-approved estimation factors. The City has implemented a full slate of: 1) residential programs including automated green waste and commingled recyclable collection, automated trash collection, extensive public outreach, and 2) commercial sector programs involving its permitted haulers and businesses, some of which have received WRAP awards.</p>			
<p><b>6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)</b></p> <p>The reason for the differential in diversion rates (i.e., 9% and 41%) is due to improved reporting, replacing the outdated, and likely flawed, 1990 waste generation study with a more accurate information base obtained in 2000. The resultant diversion rate is in line with actual diversion activities including residential curbside recycling, commercial sector recycling, extensive public education, and hauler management. The 9% is actually the flawed figure, and should be discarded as not representative of Pomona's diversion activities.</p>			

7. Disposal Tonnage: (enter values)	48363	171470	219833
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmn.ca.gov/central/forms/rytnmdrq.doc>)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmn.ca.gov/central/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and list out section 10. Please mark as Attachment B all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

\*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific diversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmn.ca.gov/central/padis/codes/reduce.htm">http://www.ciwmn.ca.gov/central/padis/codes/reduce.htm</a>	(A)	(A/Total Generation)			
<b>Residential Activities:</b>					
<b>Source Reduction</b>					
Backyard composting					
Grasscycling		0.0%			
Other Residential source reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	0	0.0%			
<b>Recycling</b>					
Curbside Recycling	8006	2.1%	Commingled materials (metal, glass, paper, plastic)	Actual weight	Weight tickets @ Pomona Utility Services Dept.
Buyback centers					
Drop-off centers					

Division Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmmb.ca.gov/central/paris/codes/reduce.htm">http://www.ciwmmb.ca.gov/central/paris/codes/reduce.htm</a>	(A)	(A/Total Generation)			
<b>Other Residential recycling" (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Recycling</b>	<b>8005</b>	<b>2.1%</b>			
<b>Composting</b>					
<b>Green waste drop-off</b>					
<b>Curbside green waste</b>	<b>11573</b>	<b>3.1%</b>	<b>Yard wastes</b>	<b>Actual weight</b>	<b>Weigh tickets @ Pomona Utility Services Dept.</b>
<b>Christmas Tree program</b>					
<b>Other Residential composting (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Composting</b>	<b>11573</b>	<b>3.1%</b>			
<b>Subtotal Residential Diversion</b>	<b>19578</b>	<b>5.3%</b>			
<b>Non-Residential Activities:</b>					
<b>Source Reduction</b>					
<b>Non-Residential Waste Audits*</b>	<b>5162</b>	<b>1.4%</b>	<b>See Section 9</b>	<b>See Section 9</b>	<b>See Section 9</b>
<b>Other non-Residential source reduction (list each program separately)</b>					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Source Reduction</b>	<b>5162</b>	<b>1.4%</b>			

Division Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in case box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmh.ca.gov/central/paris/codes/reduce.htm">http://www.ciwmh.ca.gov/central/paris/codes/reduce.htm</a>	(A)	(A/Total Generation)			
<b>Recycling</b>					
Non-Residential Waste Audits*	88087	23.6%	See Section 9	See Section 9	See Section 9
Other non-Residential recycling (list each program separately)					
Haulers' at source collection program	15688	4.2%	OCC, mixed paper, office paper, wood, metals, glass	Actual weight obtained from haulers' reports	Haulers' Reports @ permitted haulers' offices
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	103775	27.8%			
<b>Composting</b>					
Non-Residential Waste Audits*	300	0.1%	See Section 9	See Section 9	See Section 9
Other non-Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	300	0.1%			
Subtotal Non-Residential Diversion	109237	29.3%			
Residential/Non-Residential Diversion Activities					
ADC	10883	2.9%	Green waste and inert materials	Actual weight	Landfill records @ individual sites
Studge					
Scrap metal					
Construction and demolition					
Landfill salvage	13365	3.6%	Inert materials	Actual weight	Weigh tickets @ disposal sites
Subtotal Residential/Non-Residential diversion	24248	6.5%			
Total Res/Non-Res Source Reduction Tons	5182	1.4%			
Total Diversion Tons	153063	41.0%			
Total Disposal Tons from Sec.7	219833	59.0%			
Total Generation Tons (Div+Dis)	372896				
Diversion Rate	41%				

### 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

**(Form will perform all addition calculations).**

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Newsprinting	1	Paper (dried water residual fiber, OCC, office paper), tire, toner and wood pallet recycling		69636		69635.76	18.7%	O
Printing	2	Paper (OCC and mixed paper) recycling		7514		7514	2.0%	P
Entertainment Recreation Complex	3	Straw, wood shaving, OCC recycling; on-site composting and wood pallet reuse	3	6778	300	7081.2	1.9%	P
Bread Bakery/Distribution	4	Bread discard, OCC, wood pallet recycling		1952		1952	0.5%	P
State Agency	5	Grasscycling, Paper (OCC and office paper), aluminum cans, plastics, rubber, wood, grease, yard waste recycling; grasscycling and material exchange	1537	184		1721	0.5%	O
School District	6	Grasscycling	1598			1598.1	0.4%	P
Packaging Paper Manufacturer	7	Paper, plastics (PVC, polypropylene), wood pallet, metal (aluminum and steel) recycling		1375		1374.89	0.4%	P
Golf course	8	Grasscycling, yard waste recycling	1218	96		1313.6	0.4%	P
Parks and Recreation	9	Grasscycling	761			761	0.2%	P
Packaging Material Manufacturer	10	Paper (packaging material), plastics (polyethylene foam, packaging materials) recycling, wood pallet reuse	45	553		597.12	0.2%	P
<b>Totals</b>			<b>5161.57</b>	<b>88087.1</b>	<b>300</b>	<b>93548.67</b>	<b>25.1%</b>	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

see attachment 9a

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**10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:**

**a. If the diversion program started on or after January 1, 1990, complete the following table.**

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).)

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids ▼	Landfill salvage	1992	13365
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

**b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.**

Instead please provide date of Board approval of previously submitted information. \_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

**c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:**

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

**d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)**

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Scrap Metal ▼	Aluminum and steel recycling	11.25	2.5	8.75
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				



Attachment 9  
Business Audit Diversion for the City of Pomona

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source	Tons
1	Newspaper Printing	Recycling	Paper-Dried water residual fiber	Recycler verified tonnage from records	69521.00
		Recycling	Paper-OCC	Actual weight	75.00
		Recycling	Paper-Mixed office paper	Actual weight	14.00
		Recycling	Organics-Rubber	58 tires @ 50 lbs/tire (equipment tires per purchasing manager)	1.45
		Recycling	Laser toner	250 @ 2.5 lbs/toner, US EPA	0.31
		Recycling	Organics-Wood-Pallets	40 lbs/pallet, US EPA (1200 used pallets sold per year)	24.00
2	Printing	Recycling	Paper-Mixed paper	Broker verified tonnage	7114.00
		Recycling	Paper-OCC	Broker verified tonnage	400.00
3	Entertainment Recreation Complex	Recycling	Organics-Straw bed	Weigh receipts (~20 tons per semi truck, ~ five times/week)	5200.00
		Recycling	Organics-Wood-Shaving	~3 times/week picked up by semi truck	1560.00
		On-site composting	Yard waste	400 acres, 5-8 tons/week	300.00
		Recycling	Paper-OCC	1 bale/week @ 700 lbs per bale, US EPA	18.20
		Reuse	Organics-Wood-Pallets	40 lbs/pallet, US EPA (150 pallets in system, each counted only once)	3.00
4	Bread Bakery/Distribution	Recycling	Organics-Food Waste-Bread	150 tons per month per environmental analyst	1800.00
		Recycling	Paper-OCC	4 tons/month	48.00
		Recycling	Organics-Wood-Pallets	40 lbs/pallet, US EPA (200 used pallets sold every other week)	104.00
5	State Agency	Recycling	Paper-OCC	Actual weight from agency's records	4.00
		Recycling	Paper-ONP	Actual weight from agency's records	0.25
		Recycling	Paper-Mixed office paper	Actual weight from agency's records	3.00
		Recycling	Metal-Aluminum-Beverage containers	Actual weight from agency's records	0.25

		Recycling	Plastics - Beverage containers	Actual weight from agency's records	0.25
		Recycling	Organics-Rubber	Actual weight from agency's records	2.00
		Recycling	Organics-Wood	Actual weight from agency's records	5.00
		Recycling	Organics-Food-Grease	Actual weight from agency's records	6.00
		Recycling	Various materials	Actual weight from agency's records	3.00
		Recycling	Yard waste	Actual weight from agency's records	160.00
		Grasscycling	Yard waste	125 acres @ 7.61 tons of grasscycling per acre, CIWMB study plus 175 acres field mowing, 3 times per year. 1 ton per acre, AB 75	1476.25
		Source reduction	Paper, equipment	Actual weight from agency's records	8.50
		Material exchange	Various materials	Actual weight from agency's records	52.50
6	School District	Grasscycling	Yard waste	210 acres @ 7.61 tons of grasscycling per acre, CIWMB study	1598.10
7	Packaging Paper Manufacturer	Recycling	Paper (kraft, white, tissue & chipboard)	Actual weight	748.47
		Recycling	Plastics-PVC (clear and color)	Actual weight	538.77
		Recycling	Plastics-Polypropylene	Actual weight	18.90
		Recycling	Organics-Wood-Pallets	40 lbs/pallet, US EPA (3000 used pallets sold per year)	60.00
		Recycling	Metal-Aluminum	Actual weight	1.75
		Recycling	Metal-Steel	Actual weight	7.00
8	Golf Course	Grasscycling	Yard waste	160 acres @ 7.61 tons of grasscycling per acre, CIWMB study	1217.60
		Recycling	Yard waste	Actual weight per recycler	96.00
9	Parks and Recreation	Grasscycling	Yard waste	100 acres @ 7.61 tons of grasscycling per acre, CIWMB Study	761.00
10	Packaging Material Manufacturer	Recycling	Paper (packaging)	Production value; waste tissue paper recycled into new product	37.50
		Recycling	Plastics-Polyethylene foam	Actual weight	515.00
		Reuse	Organics-Wood-Pallets	40 lbs/pallet, US EPA (300 in system, counted only once)	6.00
		Reuse	Plastics-Packaging materials	Actual weight	38.62
Total					93548.67